

ABSTRACT

The present invention relates to the induction of the endogenous MnSOD expression in the Chloroplast which is ravages by reactive oxygen species in one or more compartments of the plant cells and provides the means and wherewithal of cultivating crops in areas where it would not otherwise grow normally on account of environmental stress conditions inclusive of high and low temperatures, drought and ultra violet light, is resistant to herbicides thereby resulting in an increase in yield and also improved crop quality.